

Title (en)

Air/fuel ratio control system for internal combustion engine with correction coefficient learning feature.

Title (de)

System zum Steuern des Luft-/Kraftstoff-Verhältnisses für Innenbrennkraftmotoren mit der Fähigkeit, einen Korrektur-Koeffizient zu lernen.

Title (fr)

Système de commande de rapport air-carburant pour moteur à combustion interne à apprentissage de coefficient de correction.

Publication

**EP 0296464 B1 19931201 (EN)**

Application

**EP 88109481 A 19880614**

Priority

JP 15898987 A 19870626

Abstract (en)

[origin: EP0296464A2] An air/fuel ratio control system detects transition of air/fuel ratio changing between rich and lean for checking if updating condition is satisfied. Updating value is derived based on a feedback correction value which is derived for adjusting air/fuel ratio toward a stoichiometric value. With the updating value thus derived, one of a plurality of learnt correction value which are set with respect to various engine driving range.

IPC 1-7

**F02D 41/14**; **F02D 41/26**

IPC 8 full level

**F02D 41/00** (2006.01); **F02D 41/14** (2006.01); **F02D 45/00** (2006.01)

CPC (source: EP US)

**F02D 41/2441** (2013.01 - EP US); **F02D 41/2454** (2013.01 - EP US); **F02D 41/2448** (2013.01 - EP US)

Citation (examination)

EP 0221386 A2 19870513 - BOSCH GMBH ROBERT [DE]

Cited by

DE4035692A1; EP0511701A1

Designated contracting state (EPC)

DE GB

DOCDB simple family (publication)

**EP 0296464 A2 19881228**; **EP 0296464 A3 19891102**; **EP 0296464 B1 19931201**; DE 3885941 D1 19940113; DE 3885941 T2 19940324; JP H0833131 B2 19960329; JP S643248 A 19890109; US 4924836 A 19900515

DOCDB simple family (application)

**EP 88109481 A 19880614**; DE 3885941 T 19880614; JP 15898987 A 19870626; US 19493688 A 19880517